Approved For Release 2008/07/08 : CIA-RDP80-00810A005800480006-3

CLASSIFICATION SECRET

CENTRAL INTELLIGENCE AGENCY

REPORT

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CD NO.

COUNTRY	East Germany	DATE DISTR.	4 February 1955
SUBJECT	VEB Carl Zeiss Jena Development of Infrared Spectrometer	NO. OF PAGES	ı 25X1
PLACE ACQUIRED		NO. OF ENCLS.	25 X 1
DATE OF INFO.		SUPPLEMENT TO REPORT)

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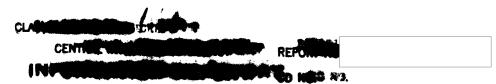
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- 1. It may be that the infrared manufactor which was completed in the 25X1 "Feinmess Lab" (Precision Laboratory) of VIB Carl Zeiss, Jena¹, will not only be used for the investigation of gadeous and liquid substances but also for the investigation of solid substances. Such substances will be accepted to thin plates before being investigated. This will be described in cases where chemical analysis of the substances is within the substances any difficulties.
- 2. The devide is provided with a number of prisms which can be substituted for each other. Two of the prisms used are:
 - a.A potassimum bromide prism of equilateral shape.
 - b. An equiangular lithium fluoride prism with a vertex angle of 72 degrees.
- 3. Three out of a total of six devices to be produced in the near future were under construction in Mid-November 1954. They were scheduled to be completed for delivery in 1956. One was to be delivered to the Soviet Union.

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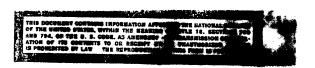
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If may is that the infrared spectrometer which was admalated in the 25X1 Prinmers Lab" (Precision Measurements Laboratory) of VEB Carl Releas. Senal, will not only be used for the investigation of gaseous and liquid substances but also for the investigation of solid substances. Buch substances will be pressed to thin plates before being investigated. This will be done primarily in cases where chemical analysis of the substances is either impossible or presents many difficulties.

- 2. The device is provided with a number of prisms which can be substituted. I for each other. Two of the prisms used are:
 - s. A potassium bromide prism of equilateral shape.
 - b. An equiangular lithium fluoride prism with a vertex angle of 72 degrees.
- Three out of a total of six devices to be produced in the near future were under construction in mid November 1954. They were scheduled to be completed for delivery in 1956. One was to be delivered to the Soviet Union.

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